How to change tailgate struts on **BMW E39** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
BMW 5 Saloon (E39) 520i 2.0, BMW 5 Saloon (E39) 525tds 2.5, BMW 5 Saloon (E39) 523i 2.5, BMW 5 Saloon (E39) 528i 2.8, BMW 5 Saloon (E39) 540i 4.4, BMW 5 Saloon (E39) 535i 3.5, BMW 5 Saloon (E39) 525td 2.5, BMW 5 Saloon (E39) 530d 3.0, BMW 5 Saloon (E39) M5, BMW 5 Saloon (E39) 520d 2.0, BMW 5 Saloon (E39) 525d 2.5, BMW 5 Saloon (E39) 520i 2.2, BMW 5 Saloon (E39) 525i 2.5, BMW 5 Saloon (E39) 530i 3.0

The steps may slightly vary depending on the car design.

REPLACEMENT: TAILGATE STRUTS – BMW E39. LIST OF THE TOOLS YOU'LL NEED:



- WD-40 spray
- Flat Screwdriver

BUY TOOLS

Replacement: tailgate struts – BMW E39. AUTODOC recommends:

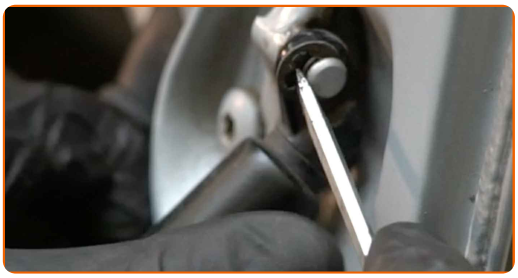
- Right and left gas struts of the boot lid should be replaced simultaneously.
- The replacement procedure is identical for the right and left gas struts of the boot lid.
- All work should be done with the engine stopped.

REPLACEMENT: TAILGATE STRUTS – BMW E39. RECOMMENDED SEQUENCE OF STEPS:

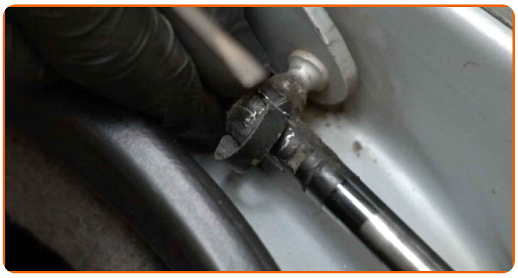
1 Open the boot lid.



2 Release the circlip connecting the gas strut to the boot lid. Use a flat screwdriver.



3 Release the circlip connecting the gas strut to the car body. Use a flat screwdriver.



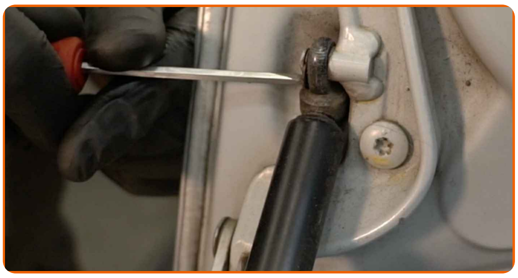
Replacement: tailgate struts – BMW E39. Tip:

- To avoid any injuries, be sure to hold the boot lid while demounting the gas struts.

4 Remove the boot lid gas strut.



5 Release the circlip connecting the gas strut to the boot lid. Use a flat screwdriver.



6 Release the circlip connecting the gas strut to the car body. Use a flat screwdriver.



Replacement: tailgate struts – BMW E39. Tip from AUTODOC experts:

- To avoid any injuries, be sure to hold the boot lid while demounting the gas struts.

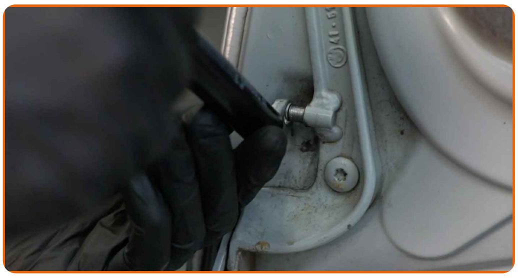
7 Remove the boot lid gas strut.



8 Clean the mounting seats of the boot strut. Use WD-40 spray.



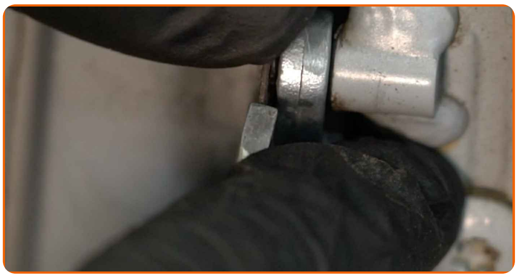
9 Install the new boot lid gas strut.



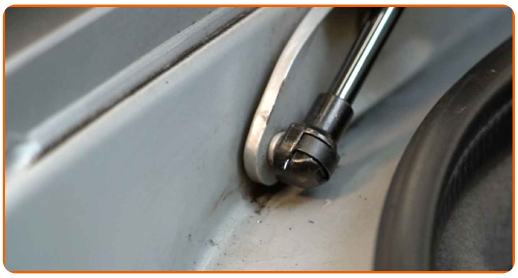
Replacement: tailgate struts – BMW E39. Tip from AUTODOC:

- To avoid any injuries, be sure to hold the boot lid while installing the gas strut.

10 Snap on the circlip connecting the gas strut to the boot lid.



11 Snap on the circlip connecting the gas strut to the car body.



12 Install the new boot lid gas strut.



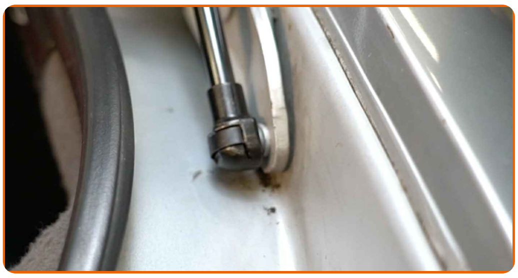
Replacement: tailgate struts – BMW E39. Tip:

- To avoid any injuries, be sure to hold the boot lid while installing the gas strut.

13 Snap on the circlip connecting the gas strut to the boot lid.



14 Snap on the circlip connecting the gas strut to the car body.



15 Check the working condition of the boot lid gas springs after they are installed.



16

Close the lid of the luggage compartment.



WELL DONE!

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